

## CLAIMS

### **We claim:**

1. A method for disseminating information from a sender to a recipient, comprising:
  - (a) creating a first recording by a sender through a user device; said first recording comprising information;
  - (b) attaching the information of said first recording with electronic data markers;
  - (c) delivering said first recording to an information source;
  - (d) notifying a recipient of availability of said first recording;
  - (e) retrieving said first recording from said information source by the recipient using a second user device;
  - (f) entering data by the recipient using the user device; said data being responsive to said first recording; attaching electronic data markers to the information of the second recording; and
  - (g) delivering said second recording to the sender of the first recording.
2. The method of claim 1, wherein the sender is a computer system.
3. The method of claim 1, wherein the recipient is a computer system.
4. The method of claim 1, wherein the notification is in the form of a voice or other electronic data.
5. The method of claim 1, wherein the notification originates from a page sent by a paging network.
6. The method of claim 1, wherein the notification originates as an electronic message.
7. The method of claim 1, wherein a user device is a telephone.

8. The method of claim 1, wherein an end user device is a palm pilot.
9. The method of claim 1, wherein the user device is an electronic data access device connected to a communication network, said electronic data access device including hand held computers, data enabled wireless phones and terminals, computers and other processing systems.
10. The method of claim 1, wherein one or more user devices are used to retrieve at least part of said first recording.
11. The method of claim 1, wherein one or more end user devices are used to create part or whole of said first recording.
12. The method of claim 1, wherein said first recording is replaced with a facsimile message.
13. The method of claim 1, wherein said first recording is replaced with electronic data or computer programmatic language.
14. The method of claim 1, wherein retrieval of said first recording further comprises use of optical character recognition for purposes of translating diagrammatic or facsimile data into computer programmatic language.
15. The method of claim 1, wherein creation of said first recording further comprises use of voice recognition for purposes of translating said first recording into other programmatic language or representation.

16. The method of claim 1, wherein creation of said first recording further comprises use of optical character recognition for purposes of translating diagrammatic or facsimile data into other programmatic language or representation.
17. The method of claim 1, wherein retrieval of said first recording further comprises use of voice recognition for purposes of translating said voice recording into computer programmatic language.
18. The method of claim 1, wherein retrieval of said first recording forms of a third recording responsive to the recipient's entry, said third recording created by the system of Claim 1 or by the sender of said first recording, and said third recording further comprising data attached with electronic data markers.
19. The method of claim 1, wherein electronic data markers being created by a telephone network, spoken voice, telephone pulse or tone signals.
20. The method of claim 1, wherein electronic data markers are created through a data network by the use of spoken voice, telephone pulse or tone signals, said data markers being entered manually by sender or recipient, or by other user, device, system, or computer programmatic means.
21. The method of claim 1, wherein electronic data markers are substituted by computer programmatic representations.
22. The method of claim 1, wherein said first recording is delivered in real time, without an information for said first recording.

23. The method of claim 1, wherein one or more information sources are used, where part or whole of said first recording can be stored in, accessed from, and further modified, annotated, or otherwise altered.
24. The method of claim 1, wherein said first recording can be accessed by a recipient, in part or in whole, through one or more user devices.
25. The method of claim 1, wherein sender, recipient and their respective user devices are registered and authenticated by a security tool.
26. A method for processing data, comprising the steps of:
- a. providing a user device; the user device being communicatively linked to a device adapter; said device adapter being communicatively linked to a system through a management surface interface; the system comprising a management element capable of controlling one or more electronic tools within the system: said tools programmed to perform a desired function; said system further comprising one or more information sources for processing and storing information; and
  - b. connecting the user device to the system by way of the device adapter communicatively linked to the management surface interface;
27. The method of claim 26, further comprising the steps of:
- a. providing a communication tool programmed to authorize access into the system by a user of the system;
  - b. if a user of the system has any messages in the system, providing the user means to retrieve said messages from the system by way of the user device.
28. The method of claim 26, further comprising the steps of:
- a. providing a security tool programmed to authorize access into the system by a user;
  - b. presenting the user with an interactive voice response menu requiring the user to input a pre-assigned authorized password by way of the user device;

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- c. the user entering the authorized password in the system by way of the user device linked to the device;
  - d. forwarding the password to the security tool for determining if the password is authentic;
  - e. if the password is determined to be authentic by the security tool, providing the user access to the system by way of the user device.
- 29. The method of claim 26, further comprising the steps of:
  - a. providing a survey tool for composing a survey to be forwarded to other users having means to access the system;
  - b. composing a survey with the survey tool;
  - c. forwarding the survey to other user devices.
- 30. The method of claim 26, further comprising the steps of:
  - a. providing a notification tool programmed to provide a predetermined notification function upon receiving a designated type of information;
  - b. forwarding the processed information from the reporting tool to the notification tool for determining whether such information contains any designated information;
  - c. if the processed information contains any designated information, delivering the designated information from the notification tool to a predetermined recipient.
- 31. The method of claim 26, further comprising the steps of:
  - a. providing a scheduling tool programmed to provide a predetermined notification function on a pre-selected date;
  - b. forwarding the predetermined notification function to the user on the pre-selected date.
- 32. The method of claim 26, further comprising the steps of:
  - a. providing a forecasting tool programmed to obtain a second set of information from the user upon receiving a designated type of information;
  - b. forwarding the processed information from a reporting tool to the forecasting tool for determining whether such information contains any designated information;

- c. if the processed information contains any designated information, delivering the second set or requests for information to the user by sending the requests to the user device by way of the management element and the device adapter.
- 33. The method of claim 26, further comprising the steps of:
  - a. providing a telemetry tool for collecting geographical data pertaining to the location of the user device as the user device accesses the system;
  - b. storing said geographical data in one or more information sources.
- 34. The method of claim 26, wherein the user device is a telephone having a numbered key pad whereby information is exchanged between the telephone and the system by pressing one or more numbered keys on said numbered key pad.
- 35. The method of claim 26, wherein the user device is a cellular telephone having a numbered key pad whereby information is exchanged between the cellular telephone and the system by pressing one or more numbered keys on the numbered key pad.
- 36. The method of claim 26, further comprising the steps of:
  - a. providing a profiling tool for managing information collected from user devices as said devices access the system.
- 37. The method of claim 26, further comprising the steps of:
  - a. providing a collaboration tool for managing information regarding groups of users accessing the system.
- 38. The method of claim 26, further comprising the steps of:
  - a. providing a communication tool for delivering information between or among the components of the system in real time.
- 39. The method of claim 26, further comprising the steps of:
  - a. providing a monitoring tool for monitoring the operation or performance of one or more components of the system.

- b. providing means for alerting operators of the system if a component of the system is disabled.
40. The method of claim 26, further comprising the steps of:
- a. providing an advertising tool for sending marketing related information to users of the system based on said user's consumer profile.
41. The method of claim 26, wherein the user device is a palm pilot, a display means being provided by a display screen of the palm pilot, and the palm pilot having an input device such as a touch screen.
42. The method of claim 26, wherein the user device is a pager.
43. A method for monitoring the condition of one or more individuals by a health care worker, the method comprising:
- a. providing the health care worker with a user device; the user device being communicatively linked to a device adapter; said device adapter being communicatively linked to a system by a management surface interface; the system comprising a management element cable of controlling one or more electronic tools within the system: said tools programmed to perform a desired function; said system further comprising one or more information sources for processing and storing medical information;
- c. connecting the health care worker to the system by the device adapter communicatively linked to the management surface interface;
- d. providing the health care worker with one or more requests for medical information by sending the requests to the user device through an interactive message interface extracted from the information source; the requests for medical information pertaining to the condition of said one or more individuals;
- e. the health care worker entering the requested information in the system by way of the user device communicatively linked to the device adapter;
- g. forwarding the requested information to a reporting tool; said reporting tool being cable of processing the requested medical information in a predetermined format;

- h. processing the requested information in the desired format by the reporting tool; and
- i. forwarding the processed information from the reporting tool to the information source to form at least one database.
44. The method of claim 43, further comprising the steps of:
- a. providing a communication tool programmed to authorize access into the system by the health care worker;
- b. if the health care worker has any messages in the system, providing the health care worker means to retrieve said messages from the system by way of the user device.
45. The method of claim 43, further comprising the steps of:
- a. providing a security tool programmed to authorize access into the system by the health care worker;
- b. presenting the health care worker with an interactive voice response menu requiring the health care worker to input a pre-assigned authorized password by way of the user device;
- c. the health care worker entering the authorized password in the system by way of the user device linked to the device;
- d. forwarding the password to the security tool for determining if the password is authentic;
- e. if the password is determined to be authentic by the security tool, providing the health care worker access to the system by way of the user device.
46. The method of claim 43, further comprising the steps of:
- a. providing a survey tool for composing a medical survey to be forwarded to other health care workers having means to access the system;
- b. composing a medical survey with the survey tool;
- c. forwarding the medical survey to the user device by way of the management element to the device adapter.
47. The method of claim 43, further comprising the steps of:
- a. providing a notification tool programmed to provide a predetermined notification function upon receiving a designated type of medical information pertaining to the condition of the one or more individuals;



- b. forwarding the processed information from the reporting tool to the notification tool for determining whether such information contains any designated medical information;
  - c. if the processed information contains any designated information, delivering the designated information from the notification tool to a predetermined recipient.
- 48. The method of claim 43, further comprising the steps of:
  - a. providing a scheduling tool programmed to provide a predetermined message to the health care worker on a pre-selected date;
  - b. forwarding the predetermined message to the health care worker on the pre-selected date;
  - c. the predetermined message being forwarded to the health care worker by way of the management element to the device adapter.
- 49. The method of claim 43, further comprising the steps of:
  - a. providing a forecasting tool programmed to obtain a second set of medical information from the health care worker upon receiving a designated type of medical information pertaining to the condition of the one or more individuals;
  - b. forwarding the process information from the reporting tool to the forecasting tool for determining whether such information contain the designated medical information regarding the condition of the one or more individuals;
  - c. if the processed information contains any designated information, delivering a second set of requests for medical information from the health care worker by sending the requests to the user device by way of the management element to the device adapter.
- 50. The method of claim 43, further comprising the steps of;
  - a. providing a telemetry tool for collecting geographical data pertaining to the location of the user device as the user device accesses the system; and
  - b. storing said geographical data in one or more information sources.

51. The method of claim 43, wherein the user device is a telephone having a numbered key pad and the requested information is entered into the system by pressing one or more keys on the numbered key pad.

52. A health monitoring system for monitoring an individual or group of individual's condition by a health care worker, the system comprising:

- (a) means for entering health information pertaining to the condition of said individual or group of individuals into at least one data base;
- (b) means for accessing said health information pertaining to the one or more individuals represented in the at least one database;
- (c) processing means for processing said information of at least one of said individuals with consideration of the health information in the at least one database; and
- (d) means for retrieving the processed health information in a form whereby the healthcare worker practitioner is capable of identifying a medical condition in the individual or groups of individuals represented in the at least one database.

53. The system of claim 52, wherein the means for processing the health information includes memory means for recording anatomical measurement for said individual or groups of individuals.

54. The system of claim 52, wherein the means for analysis further includes comparison means for comparing the recorded anatomical measurement with measurements stored in the memory means.

55. The system of claim 52, wherein said processing means comprises:

- (a) a tool to automatically perform a categorizing function with respect to the information on said individual or groups of individuals represented in the at least one database; said categorizing function comprising categorizing

said information based on the individual's sex, age, geographic location, weight, family background, blood pressure and heart rate.

- (b) Means for retrieving the categorized information based on a predetermined parameter.

56. A method for managing medical information using a map based interface and data based system; comprising the steps of:

- (a) providing a medical survey to one or more health care workers pertaining to the condition of one or more individuals;
- (b) said survey provided by way of a presentation interface;
- (c) The presentation interface being communicatively linked to a device adapter; said device adapter being communicatively linked to a system through a management surface interface; the system comprising a management element capable of controlling one or more electronic tools within the system; said tools programmed to perform a desired function; said system further comprising one or more information sources for processing and storing information;
- (d) providing a survey tool for forwarding the survey to the one or more health workers;
- (e) forwarding the survey to one or more health worker by the survey tool.
- (f) providing a telemetry tool; said telemetry tool capable of creating a map which identifies the location of the one or more health care workers as said workers access the system;
- (g) means for displaying the map through a presentation interface; and
- (h) means for clicking on a particular location on the map to acquire a medical report for said area identified on the map.